



Product Evaluation

DR855 | 0517

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-855

Effective Date: May 1, 2017

Re-evaluation Date: April 2021

Product Name: 6'-8" and 8'-0" Opaque Fiberglass Masonite Side Hinged Doors, Inswing & Outswing, Singles with and without Sidelites, and Doubles, Non-Impact Resistant

Manufacturer: Endura Products, Inc.
8811 West Market Street
Colfax, NC 27235
336-668-24720

General Description:

| System | Description | Label Rating | Drawing Number |
|--------|---|---|----------------|
| 1 | 3'-0" x 6'-8" Opaque Fiberglass Single Door Inswing / Outswing; (X) | Inswing +50/-50 psf Outswing +50/-50 psf | TX-4631 |
| 2 | 3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Sidelites, Inswing / Outswing; (OXO) | Inswing +50/-50 psf Outswing +50/-50 psf | TX-4632 |
| 3 | 6'-0" x 6'-8" Opaque Fiberglass Double Door Inswing / Outswing; (XX) | Ultimate Hurricane Astragal Inswing: +50/-50 psf Outswing: +50/-50 psf Ultimate Multipoint Astragal Inswing: +40/-40 psf Outswing: +55/-55 psf | TX-4633 |
| 4 | 3'-0" x 8'-0" Opaque Fiberglass Single Door Inswing / Outswing; (X) | Inswing +40/-45 psf Outswing +35/-35 psf | TX-4634 |

General Description (continued):

| System | Description | Label Rating | Drawing Number |
|--------|---|---|----------------|
| 5 | 3'-0" x 8'-0" Opaque Fiberglass Single Door w/ Sidelites, Inswing / Outswing; (OXO) | Inswing +40/-45 psf Outswing +35/-35 psf | TX-4635 |
| 6 | 6'-0" x 8'-0" Opaque Fiberglass Double Door Inswing / Outswing; (XX) | Ultimate Hurricane Astragal Inswing: +35/-35 psf Outswing: +55/-55 psf Ultimate Multipoint Astragal Inswing: +50/-50 psf Outswing: +45/-45 psf | TX-4636 |

Product Dimensions:

| System | Overall Size | Panel Size | Daylight Opening Size |
|--------|---|--|------------------------|
| 1 | Inswing: 37-1/2" x 82" Outswing: 37-1/2" x 81-1/8" | 35-3/4" x 79-1/4" | N/A |
| 2 | Inswing: 112-1/4" x 82" Outswing: 112-1/4" x 81-1/8" | Door: 35-3/4" x 79-1/4" Sidelite: 35-3/4" x 79-1/4" | Sidelite: 21" x 63" |
| 3 | Inswing: 74" x 82" Outswing: 74" x 81-1/8" | 35-3/4" x 79-1/4" | N/A |
| 4 | Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 97-1/8" | 35-3/4" x 95-1/4" | N/A |
| 5 | Inswing: 112-1/4" x 98" Outswing: 112-1/4" x 97-1/8" | Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4" | Sidelite: 21" x 79" |
| 6 | Inswing: 74" x 98" Outswing: 74" x 97-1/8" | 35-3/4" x 95-1/4" | N/A |

Components and Hardware:

| System | Component | Quantity | Attachment Method |
|--------|--|----------|---|
| 1-6 | 4" Butt Hinges (6'-8" doors) | 3 | Hardware and components must be installed in accordance with Endura drawings: •TX-4631, dated October 25, 2016. •TX-4632, dated August 31, 2016. •TX-4634, dated October 25, 2016. •TX-4635, dated August 31, 2016. Drawings sealed and signed by Lyndon F. Schmidt on March 8, 2017. •TX-4633, TX-4636 dated August 31, 2016 Drawings signed and sealed by Lyndon F. Schmidt, P.E. on October 26, 2016. |
| | 4" Butt Hinges (8'-0" doors) | 4 | |
| | Lock and deadbolt strike plate | 1 each | |
| | Kwikset Signature Series (991) Lockset and Kwikset Signature Series (980/985) Deadbolt | 1 | |

Product Identification (Self labeled):

| System | | |
|--------|----------------------------------|--|
| 1, 2 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Endura Products |
| | Product Name | 3'-0" x 6'-8" Opaque Fiberglass Single Door w/ & w/out Sidelites /Inswing/Outswing |
| | Drawing | TX-4631, TX-4632 |
| | Test Standards | ASTM E 330-02 |
| 3 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Endura Products |
| | Product Name | 6'-0" x 6'-8" Opaque Fiberglass Double Door Inswing/Outswing |
| | Drawing | TX-4633 |
| | Test Standards | ASTM E 330-02 |
| 4, 5 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Endura Products |
| | Product Name | 3'-0" x 8'-0" Opaque Fiberglass Single Door w/ & w/out Sidelites Inswing/Outswing |
| | Drawing | TX-4634, TX-4635 |
| | Test Standards | ASTM E 330-02 |
| 6 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Endura Products |
| | Product Name | 6'-0" x 8'-0" Opaque Fiberglass Double Door Inswing/Outswing |
| | Drawing | TX-4636 |
| | Test Standards | ASTM E 330-02 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|---|
| 1- 6 | No | Provide an impact protective system when installing the product in areas that require windborne debris. |

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

| System | | |
|--------|---------------------------|--|
| 1- 6 | Type of Installation | Install and anchor doors in accordance with Endura drawings: |
| | Wall Framing | •TX-4631, TX-4634 dated October 25, 2016. |
| | Fasteners | •TX-4632, TX-4635 dated August 31, 2016. |
| | Fastener Location/Spacing | Sealed and signed by Lyndon F. Schmidt on March 8, 2017. |
| | Fastener Penetration | •TX-4633, TX-4636 dated August 31, 2016, signed and sealed by Lyndon F. Schmidt, P.E. on October 26, 2016. |

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.